

PUBLIC CONSULTATION: PROPOSED MALAYSIA’S POSITIONS FOR WORLD RADIOCOMMUNICATION CONFERENCE 2023 (WRC-23) AGENDA ITEMS

| Agenda Item | Proposed Malaysia (MLA) Positions | U Mobile Comments |
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| | Fixed, Mobile and Broadcasting Issues | |
| 1.1 | <p>Malaysia supports the appropriate measures to address the protection of stations of the aeronautical and maritime mobile services located in international airspace and waters (i.e., outside national territories) operating in the 4800-4990 MHz frequency band, and the implementation of IMT systems in this frequency band, as practicable.</p> | <p>U Mobile supports the proposed position. In addition, U Mobile would like to propose for MCMC to explore the upper 4GHz (4800-4990MHz) band (NR79) for IMT (5G) terrestrial services. This band has a strong eco-system with a number of commercial deployments - e.g. China Mobile and availability of devices (one of the top-10 devices readiness support) in 5G band*. *GSMA May-2023 report.</p> |
| 1.2 | <p>Malaysia supports the identification of IMT in the 7025-7125 MHz frequency band with appropriate regulatory and technical conditions, taking into account the results of studies to ensure the protection of services to which the frequency band is allocated on a primary basis and in adjacent bands. Malaysia notes that the following frequency bands are being considered for other Regions and would not oppose an IMT identification in those Regions, where relevant: - 3600-3800 MHz and 3300-3400 MHz (Region 2); - 3300-3400 MHz (amend footnote in Region 1);</p> | <p>U Mobile supports the use of Upper-6GHz (7025-7125MHz) for IMT (5G) usage. In addition, U Mobile fully supports the identification of the 6425-7125MHz band for IMT in Region 3 (as per footnotes in AI1.2). The Upper 6GHz spectrum is important for the growth and development for 5G as the core band for 5.5G (and 6G) and provides additional mid-band spectrum (to complement 3.5GHz) to address the spectrum demand in the medium-term.</p> |

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| | <ul style="list-style-type: none"> - 6425-7025 MHz (Region 1); and - 10.0-10.5 GHz (Region 2). | <p>Upper 6GHz has gained momentum in Europe as the identified spectrum for IMT – it has garnered the support from major operators (e.g. Telefonica, Vodafone) as the spectrum to meet mid-term IMT spectrum demand. Identification of Upper 6GHz in China will also greatly accelerate the eco-system.</p> |
| <p>1.3</p> | <p>Malaysia notes that this agenda item is a Region 1 issue and supports the APT Preliminary View for this agenda item, as developed at APG23-5, as follows:</p> <ul style="list-style-type: none"> - A possible upgrade of mobile service to primary allocation in the 3600-3800 MHz frequency band in Region 1 shall protect existing and planned services to which the frequency band is allocated on a primary basis (and in adjacent bands, as appropriate) in Region 3, taking into account the results of sharing and compatibility studies and such upgrading shall not have any adverse effect on the allocation of the existing services and their future development in Region 3. | <p>U Mobile is supportive of this proposal.</p> |
| <p>1.4</p> | <p>Malaysia supports establishing regulatory provisions for the use of HIBS in certain frequency bands below 2.7 GHz already identified for IMT referred to in Resolution 247 (WRC-19), provided that the regulatory provisions will ensure protection of the existing services to which the frequency band is allocated on a primary basis, and the adjacent bands, as well as no additional regulatory or technical constraints imposed on the deployment of ground-based IMT systems in those frequency bands.</p> | <p>U Mobile is supportive of this proposal.</p> <p>It is critical for provisions to ensure protection, no performance impact, technical / deployment constraints to existing terrestrial services deployed on the frequency band, as well as adjacent bands.</p> |

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| | Aeronautical, Maritime and Amateur Issues | |
| <p>1.10</p> | <p>Malaysia supports new allocation to the AM(OR)S in the 15.4-15.7 GHz frequency band or part thereof, and/or remove the exception to AM(OR)S of the mobile allocation in the 22-22.21 GHz frequency band or part thereof.</p> <p>Malaysia also is of the view that the protection of existing primary services in the 15.4-15.7 GHz and 22-22.21 GHz frequency bands and in the adjacent frequency bands shall be ensured.</p> <p>As such, Malaysia is considering Method B and/or C or Method E to address this agenda item.</p> | <p>U Mobile is aligned of the proposed position.</p> <p>U Mobile would emphasize that stringent requirements be adopted for the protection of existing primary services in the 15.4-15.7GHz and 22-22.21GHz frequency bands and in the adjacent frequency bands.</p> |
| | Satellite Issues | |
| <p>1.18</p> | <p>Considering the required studies under WRC-23 agenda item 1.18 was not fully completed and noting that this is a Region 1 and 2 issue, Malaysia is of the view that any possible regulatory actions and allocation in Region 1 and Region 2 should not cause unacceptable interference and impose adverse impact on existing services in Region 3 in the identified frequency bands and the adjacent frequency bands.</p> | <p>U Mobile is supportive of the proposed position.</p> <p>The identified spectrum band is adjacent to existing terrestrial mobile services i.e., 1695-1710MHz (Region 2), 3385-3400MHz (Region 2).</p> <p>It is critical that any regulatory actions and allocation in Region 1 and Region 2 shall not cause any interference or impose any adverse impact on existing services in Region 3 in the identified frequency bands and the adjacent frequency bands.</p> |